

NEGATIVE TEMPERATURE COEFFICIENT THERMISTOR
AND METHOD FOR MANUFACTURING THE SAME

ABSTRACT OF THE DISCLOSURE

A negative temperature coefficient thermistor includes a thermistor element containing a transition metal oxide as a main component; internal electrodes disposed in the thermistor element; and external electrodes, electrically connected to the internal electrodes. A method for manufacturing such a thermistor includes providing green ceramic sheets for forming the thermistor element; applying a conductive paste for forming the internal electrodes onto some of the green ceramic sheets to form internal electrode layers; stacking the green ceramic sheets and the green ceramic sheets with the paste to form a green compact; firing the green compact to obtain a fired compact; and forming the external electrodes.